

# MATERIAL SAFETY DATA SHEET

Product Name: BORATED HAND SOAP POWDER

Product No. 049.00

## SAVIN PRODUCTS COMPANY, INC

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BORATED HAND SOAP POWDER

Emergency phone: Chemtrec: 800-424-9300

Product Information: 781-961-2744

Company: SAVIN PRODUCTS COMPANY, INC  
214 HIGH STREET  
RANDOLPH, MA 02368

Date Prepared: 06-06-04

Supersedes: 10-23-00

Prepared by: KJS

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Exposure Limits</u>	<u>Typical % by Weight</u>
1. Sodium Cocoate	61789-31-9	N/A	1 - 5
2. Sodium Tallowate	8052 -48-0	N/A	10 - 20
3. Sodium Tetraborate	1303-96-4	N/A	40 - 50

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

CAUTION: Causes eye irritation, usually transient. Do not take internally

EFFECTS of OVEREXPOSURE:

CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

EYES: May cause eye irritation.

SKIN: Repeated or prolonged contact may cause skin irritation.

INHALATION: Mist may cause irritation to mucous membranes and respiratory tract.

INGESTION: Can result in severe gastric irritation, nausea, vomiting, pain and swelling of larynx.

CHRONIC EFFECTS and MEDICAL CONDITIONS: The effects of long-term, low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposure. This product may aggravate existing eye, skin and respiratory conditions.

### 4. FIRST AID MEASURES

EYES: Flush with copious amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

SKIN: Immediately wash with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: Remove to fresh air. If breathing is difficult, oxygen may be given, preferably with a physician's advice. If not breathing, give artificial respiration. Get medical attention.

INGESTION: If swallowed, give several glasses of water. Do not induce vomiting. If vomiting does occur, give fluids again and keep head below hips to help prevent aspiration. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

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## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES:

Flash Point: None      Test: SETA Tag Closed Cup (Method ASTM 3278)  
Explosive Limits:      LEL: N/A      UEL: N/A

EXTINGUISHING MEDIA: Not combustible under test conditions. Use procedures most appropriate to surrounding fire. Water spray to cool drum.

SPECIAL PROCEDURES & UNUSUAL HAZARDS: Very Slippery Underfoot.

FIREFIGHTING INSTRUCTIONS: Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

## 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Pick up spills at once. Soak up small spills with inert solids. Use suitable disposal container.

LARGE SPILLS: Limit access to area. Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

CAUTION: Floor may become slippery in the spill area.

## 7. HANDLING AND STORAGE

Exercise good warehouse practices when storing this material. Store in a cool dry place. Keep away from heat. Keep container tightly closed when not in use. Guard against container damage and puncture. Pick up spills immediately. **Very Slippery Underfoot.**

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Avoid splashing. Wear chemical-resistant safety goggles if necessary. Contact lenses must not be worn.

PROTECTIVE GLOVES: Depending on conditions of use, protective gloves are recommended.

RESPIRATORY PROTECTION: Use adequate ventilation when spraying.

VENTILATION: Normal room ventilation.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White, granular solid

BOILING POINT: approx. N/A

FREEZE/MELT POINT: N/A

VAPOR PRESSURE (mm): N/A

VAPOR DENSITY (air=1): N/A.

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: Approximately 5%

DENSITY: N/A

REFRACTIVE INDEX @20C: N/A

pH : 9.7 Saturated

ODOR: Mild

## 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY : Stable.

INCOMPATIBILITY: Strong acids, strong oxidizers and excessive heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, and other toxic gases

HAZARDOUS POLYMERIZATION: None

## 11. TOXICOLOGICAL INFORMATION

No LD50 or LC50 found for oral, dermal or inhalation routes of administration.

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## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL/CHEMICAL FATE INFORMATION: Toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261.22. Dispose in accordance with all applicable federal, state and local regulations.

## 14. TRANSPORT INFORMATION

SHIPPING NAME: Cleaning Compound, Liquid  
HAZARD CLASS: Not Regulated as HAZMAT  
ID #: N/A  
PACKING GROUP: N/A  
LABEL: N/A

## 15. REGULATORY INFORMATION

This material does not contain nor was it manufactured using ozone-depleting chemicals.

### U.S. FEDERAL REGULATIONS:

TSCA STATUS: All ingredients on Toxic Substance Control Act Inventory.

CERCLA REPORTABLE QUANTITY: None

### SARA TITLE III:

Section 302 Extremely Hazardous Substances:	None.
Section 311/312 Hazardous Categories:	Immediate (Acute)
Section 313 Toxic Chemicals:	None

## 16. OTHER INFORMATION

All label precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse this container unless it is professionally cleaned and reconditioned.

### REFERENCES:

- U.S. Dept. of Health and Human Services, NIOSH: Registry of Toxic Effects of Chemical Substances, 1985-86 Editions.
- Sax, N. Irving and Lewis, R.J.: Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold Co., 1989.
- Lewis, R.J.: Hawley's Condensed Chemical Dictionary, 12th Edition, Van Nostrand Reinhold Co., 1993.
- U.S. Dept. of Transportation, U.S. Coast Guard: CHRIS Hazardous Chemical Data, 1982.
- U.S. Dept. of Labor, OSHA: Air Contaminants - Permissible Exposure Limits, 1989.
- National Fire Protection Association (NFPA): Fire Protection Guide on Hazardous Materials (NFPA 325M/49/491M/704), 9th Edition, 1986.
- National Fire Protection Association (NFPA): Hazardous Materials Response Handbook, Henry, M.F., Editor, 1989.
- Merck & Co., Inc.: The Merck Index, 11th Edition, 1989.

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